

AMENDMENTS TO THE CLAIMS

The following is a complete, marked-up listing of revised claims with a status identifier in parenthesis, underlined text indicating insertions, and strike through and/or double-bracketed text indicating deletions.

LISTING OF CLAIMS

1. (Currently Amended) A recording medium storing an executable data structure for managing reproduction of still pictures by a reproducing apparatus, comprising:

a playlist area storing at least one playlist file, the playlist file including at least one playitem, at least one sub-playitem, and mark information, the playitem ~~providing navigation information~~ indicating an in-point and an out-point of a first clip stream file for reproducing presentation data ~~from a first stream file, the presentation data including the at least one still picture and associated data and not including audio data~~, the presentation data being divided into a number of still picture units in the first stream file such that each still picture unit includes a still picture and associated data, the presentation data not including audio data, each still picture unit including a still picture and associated data, the still picture and associated data configured to be reproduced synchronously, the playitem including duration information indicating whether to display the at least one still picture for one of a finite and an infinite period of time, the still picture being configured to be displayed until user input is received if the duration information indicates the infinite period of time, until user input is received, the sub-playitem associated with the playitem and ~~providing navigation information~~ indicating an in-point and an out-point of a second clip stream file for reproducing audio data, the audio data configured to be reproduced asynchronously and independently from the still picture unit, from a second stream file, and the mark information including at least one mark pointing to the still picture.

2. (Previously Presented) The recording medium of claim 1, wherein the at least one mark includes a mark type indicator indicating that the mark is of a type used for pointing to a still picture.

3. (Previously Presented) The recording medium of claim 2, wherein the mark includes a time stamp indicating a time address of the still picture in the first stream file.

4. (Previously Presented) The recording medium of claim 3, wherein the at least one mark includes a playitem indicator indicating the playitem with which the at least one mark is associated.

5. (Previously Presented) The recording medium of claim 1, wherein the at least one mark includes a mark type indicator indicating that the at least one mark is of a type that provides a point to skip to when displaying a slideshow of still pictures.

6. (Previously Presented) The recording medium of claim 5, wherein the at least one mark includes a time stamp indicating a time address of the still picture in the first stream file.

7. (Previously Presented) The recording medium of claim 5, wherein the at least one mark includes a playitem indicator indicating the playitem with which the mark is associated.

8. (Previously Presented) The recording medium of claim 1, wherein the at least one mark includes a time stamp indicating a time address of the still picture in the first stream file.

9. (Previously Presented) The recording medium of claim 1, wherein the at least one mark includes a playitem indicator indicating the playitem with which the at least one mark is associated.

10. (Previously Presented) The recording medium of claim 1, wherein the mark information includes a number of marks, and the mark information includes a number indicator indicating the number of marks.

11. (Previously Presented) The recording medium of claim 10, wherein, for each mark, the mark information provides a type indicator indicating a type of the at least one mark.

12-25. (Cancelled)

26. (Currently Amended) A method of recording a data structure for managing reproduction of at least one still image on a recording medium, the method comprising:

recording at least one playlist file on the recording medium, the playlist file including at least one playitem, at least one sub-playitem, and mark information,

the playitem ~~providing navigation information~~ indicating an in-point and an out-point of a first clip stream file for reproducing presentation data ~~from a first stream file, the presentation data including the at least one still picture and associated data and not including audio data, the presentation data being divided into a number of still picture units in the first stream file such that each still picture unit includes a still picture and associated data, the presentation data not including audio data, each still picture unit including a still picture and associated data, the still picture and associated data~~ configured to be reproduced synchronously, the playitem including duration information indicating whether to display the at least one still picture for one of a finite and an infinite period of time, the still picture being configured to be

displayed until user input is received if the duration information indicates the infinite period of time, until user input is received

the sub-playitem associated with the playitem and ~~providing navigation information~~ indicating an in-point and an out-point of a second clip stream file for reproducing audio data, the audio data configured to be reproduced asynchronously and independently from the still picture unit, from a second stream file, and

the mark information including at least one mark pointing to the still picture.

27. (Currently Amended) A method of reproducing a data structure for managing reproduction of at least one still image recorded on a recording medium, the method comprising:

reproducing at least one playlist file from the recording medium, the playlist file including at least one playitem, at least one sub-playitem, and mark information,

the playitem ~~providing navigation information~~ indicating an in-point and an out-point of a first clip stream file for reproducing presentation data ~~from a first stream file, the presentation data including the at least one still picture and associated data and not including audio data, the presentation data being divided into a number of still picture units in the first stream file such that each still picture unit includes a still picture and associated data, the~~ presentation data not including audio data, each still picture unit including a still picture and associated data, the still picture and associated data configured to be reproduced synchronously, the playitem including duration information indicating whether to display the at least one still picture for one of a finite and an infinite period of time, the still picture being configured to be displayed until user input is received if the duration information indicates the infinite period of time, until user input is received

the sub-playitem associated with the playitem and ~~providing navigation information~~ indicating an in-point and an out-point of a second clip stream file

for reproducing audio data, the audio data configured to be reproduced asynchronously and independently from the still picture unit, from a second stream file, and

the mark information including at least one mark pointing to the still picture.

28. (Currently Amended) An apparatus for recording a data structure for managing reproduction of at least one still image on a recording medium, the apparatus comprising:

a pick up configured to record data on the recording medium;

a controller configured to control the pick up to record at least one playlist file on the recording medium, the playlist file including at least one playitem, at least one sub-playitem, and mark information,

the playitem ~~providing navigation information~~ indicating an in-point and an out-point of a first clip stream file for reproducing presentation data ~~from a first stream file, the presentation data including the at least one still picture and associated data and not including audio data,~~ the presentation data being divided into a number of still picture units in the first stream file such that each still picture unit includes a still picture and associated data, the presentation data not including audio data, each still picture unit including a still picture and associated data, the still picture and associated data configured to be reproduced synchronously, the playitem including duration information indicating whether to display the at least one still picture for one of a finite and an infinite period of time, the still picture being configured to be displayed until user input is received if the duration information indicates the infinite period of time, until user input is received

the sub-playitem associated with the playitem and ~~providing navigation information~~ indicating an in-point and an out-point of a second clip stream file for reproducing audio data, the audio data configured to be reproduced asynchronously and independently from the still picture unit, from a second stream file, and

the mark information including at least one mark pointing to the still picture.

29. (Currently Amended) An apparatus for reproducing a data structure for managing reproduction of at least one still image recorded on a recording medium, comprising:

a pick up configured to reproduce data recorded on the recording medium;

a controller configured to ~~control~~ control the pick up to reproduce at least one playlist file from the recording medium, the playlist file including at least one playitem, at least one sub-playitem, and mark information,

~~the playitem provides navigation information indicating an in-point and an out-point of a first clip stream file for reproducing presentation data from a first stream file, the presentation data including the at least one still picture and associated data and not including audio data, the presentation data being divided into a number of still picture units in the first stream file such that each still picture unit includes a still picture and associated data, the presentation data not including audio data, each still picture unit including a still picture and associated data, the still picture and associated data configured to be reproduced synchronously, the playitem including duration information indicating whether to display the at least one still picture for one of a finite and an infinite period of time, the still picture being configured to be displayed until user input is received if the duration information indicates the infinite period of time, until user input is received~~

~~the sub-playitem associated with the playitem and providing navigation information indicating an in-point and an out-point of a second clip stream file for reproducing audio data, the audio data configured to be reproduced asynchronously and independently from the still picture unit, from a second stream file, and~~

the mark information including at least one mark pointing to the still picture.

30-31. (Cancelled)

32. (Previously Presented) The method of claim 26, wherein the at least one mark includes a mark type indicator indicating that the at least one mark is of a type that provides a point to skip to when displaying a slideshow of still pictures.

33. (Previously Presented) The method of claim 32, wherein the at least one mark includes a time stamp indicating a time address of the still picture in the first stream file, and the at least one mark includes a playitem indicator indicating the playitem with which the at least one mark is associated.

34. (Previously Presented) The method of claim 26, wherein the at least one mark includes a time stamp indicating a time address of the still picture in the first stream file, and the at least one mark includes a playitem indicator indicating the playitem with which the at least one mark is associated.

35. (Currently Amended) The method of claim 26, wherein the mark information ~~includes a number of marks, and the mark information includes a number indicator indicating the number of marks, and for each mark, the mark information~~ provides a type indicator indicating a type of the at least one mark.

36-38. (Cancelled)

39. (Previously Presented) The method of claim 27, wherein the at least one mark includes a mark type indicator indicating that the at least one mark is of a type that provides a point to skip to when displaying a slideshow of still pictures.

40. (Previously Presented) The method of claim 39, wherein the at least one mark includes a time stamp indicating a time address of the still picture in the first stream file, and the at least one mark includes a playitem indicator indicating the playitem with which the at least one mark is associated.

41. (Previously Presented) The method of claim 27, wherein the at least one mark includes a time stamp indicating a time address of the still picture in the first stream file, and the at least one mark includes a playitem indicator indicating the playitem with which the at least one mark is associated.

42. (Currently Amended) The method of claim 27, wherein the mark information ~~includes a number of marks, and the mark information includes a number indicator indicating the number of marks, and for each mark, the mark information~~ provides a type indicator indicating a type of the at least one mark.

43-45. (Cancelled)

46. (Previously Presented) The apparatus of claim 28, wherein the at least one mark includes a mark type indicator indicating that the at least one mark is of a type that provides a point to skip to when displaying a slideshow of still pictures.

47. (Previously Presented) The apparatus of claim 46, wherein the at least one mark includes a time stamp indicating a time address of the still picture in the first stream file, and the at least one mark includes a playitem indicator indicating the playitem with which the at least one mark is associated.

48. (Previously Presented) The apparatus of claim 28, wherein the at least one mark includes a time stamp indicating a time address of the still

picture in the first stream file, and the at least one mark includes a playitem indicator indicating the playitem with which the at least one mark is associated.

49. (Currently Amended) The apparatus of claim 28, wherein the mark information ~~includes a number of marks, and the mark information includes a number indicator indicating the number of marks, and for each mark, the mark information~~ provides a type indicator indicating a type of the at least one mark.

50-52. (Cancelled)

53. (Previously Presented) The apparatus of claim 29, wherein the at least one mark includes a mark type indicator indicating that the at least one mark is of a type that provides a point to skip to when displaying a slideshow of still pictures.

54. (Previously Presented) The apparatus of claim 53, wherein the at least one mark includes a time stamp indicating a time address of the still picture in the first stream file, and the mark includes a playitem indicator indicating the playitem with which the at least one mark is associated.

55. (Previously Presented) The apparatus of claim 29, wherein the at least one mark includes a time stamp indicating a time address of the still picture in the first stream file, and the at least one mark includes a playitem indicator indicating the playitem with which the at least one mark is associated.

56. (Currently Amended) The apparatus of claim 29, wherein the mark information ~~includes a number of marks, and the mark information includes a number indicator indicating the number of marks, and for each mark, the~~

~~mark information~~ provides a type indicator indicating a type of the at least one mark.

57. (Cancelled)

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END OF CLAIM LISTING